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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|----|------------------------|------------------|
| | | Application Number | 10/074,598 |
| | | Filing Date | 02/11/2002 |
| | | First Named Inventor | Richardson et al |
| | | Group Art Unit | 2855 |
| | | Examiner Name | M. Noori |
| Total Number of Pages in This Submission | 10 | Attorney Docket Number | B-106 |

ENCLOSURES (check all that apply)

| | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Return Receipt Postcard |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Stephen R. Christian Registration No.: 32,687 |
| Signature | |
| Date | 4 OCT 2004 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

10 4 04

| | |
|-----------------------|--------------|
| Typed or printed name | Mandy Landon |
| Signature | |
| Date | 10 4 04 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Richardson et al.

Serial No.: 10/074,598

Filed: February 11, 2002

For: NETWORK AND TOPOLOGY FOR
IDENTIFYING, LOCATING AND
QUANTIFYING PHYSICAL
PHENOMENA, SYSTEMS AND
METHODS FOR EMPLOYING SAME

Confirmation No.: 4842

Examiner: M. Noori

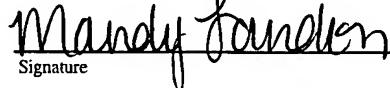
Group Art Unit: 2855

Attorney Docket No.: B-106

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/4/2004
Date



Mandy Landon
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the document listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. A copy of the listed document is enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an

admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

Applicants offer to supply any explanation or discussion of the document which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the Notice of Allowance, but before payment of the issue fee.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement. Pursuant to 37 C.F.R. § 1.97(d)(ii), applicant hereby requests consideration of the accompanying Supplemental Information Disclosure Statement. The fee pursuant to 37 C.F.R. §1.17(p) for consideration of this Supplemental Information Disclosure Statement is enclosed.

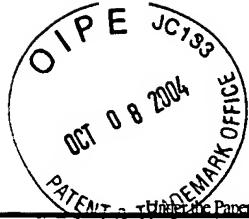
Respectfully submitted,



Stephen R. Christian
Registration No. 32,687
Attorney for Applicants
P.O. Box 1625
Idaho Falls, ID 83415-3899
Phone: (208) 526-9140
Fax: (208) 526-8339

Date: 4 OCT 2004
SRC/dlm

Enclosures: Form PTO-1449 or PTO/SB/08



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number B-106

| <i>Complete if Known</i> | |
|--------------------------|-------------------|
| Application Number | 10/074,598 |
| Filing Date | February 11, 2002 |
| First Named Inventor | Richardson et al. |
| Group Art Unit | 2855 |
| Examiner Name | M. Noori |
| Attorney Docket Number | B-106 |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OCT 08 2004



PTO/SB/17 (10-01)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 10/074,598 |
| Filing Date | 02/11/2002 |
| First Named Inventor | Richardson et al |
| Examiner Name | M. Noori |
| Group Art Unit | 2855 |
| Attorney Docket No. | B-106 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

| | |
|------------------------|---------|
| Deposit Account Number | 05-0565 |
| Deposit Account Name | |

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code (\$) | Fee (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|----------|---------------|---------------------------|----------|
| 101 | 740 | 201 | 370 Utility filing fee | 790.00 |
| 106 | 330 | 206 | 165 Design filing fee | |
| 107 | 510 | 207 | 255 Plant filing fee | |
| 108 | 740 | 208 | 370 Reissue filing fee | |
| 114 | 160 | 214 | 80 Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent | -20** = | x 18.00 = | |
| Claims | - 3** = | x 88.00 = | |
| Multiple Dependent | | | |

Large Entity Small Entity

| Fee Code (\$) | Fee (\$) | Fee Code (\$) | Fee Description |
|---------------|----------|---------------|--|
| 103 | 18 | 203 | 9 Claims in excess of 20 |
| 102 | 84 | 202 | 42 Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 | 130 | 205 Surcharge - late filing fee or oath | |
| 127 | 50 | 227 Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 Non-English specification | |
| 147 | 2,520 | 147 2,520 For filing a request for ex parte reexamination | |
| 112 | 920* | 112 920* Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 1,840* Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 Extension for reply within first month | |
| 116 | 400 | 216 Extension for reply within second month | |
| 117 | 920 | 217 Extension for reply within third month | |
| 118 | 1,440 | 218 Extension for reply within fourth month | |
| 128 | 1,960 | 228 Extension for reply within fifth month | |
| 119 | 320 | 219 Notice of Appeal | |
| 120 | 320 | 220 Filing a brief in support of an appeal | |
| 121 | 280 | 221 Request for oral hearing | |
| 138 | 1,510 | 138 Petition to institute a public use proceeding | |
| 140 | 110 | 240 Petition to revive - unavoidable | |
| 141 | 1,280 | 241 Petition to revive - unintentional | |
| 142 | 1,280 | 242 Utility issue fee (or reissue) | |
| 143 | 460 | 243 Design issue fee | |
| 144 | 620 | 244 Plant issue fee | |
| 122 | 130 | 122 Petitions to the Commissioner | |
| 123 | 50 | 123 Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 Submission of Information Disclosure Stmt | 180.00 |
| 581 | 40 | 581 Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 Request for Continued Examination (RCE) | |
| 169 | 900 | 169 Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|----------------------|-----------------------------------|------------|-----------|--------------|
| Name (Print/Type) | Stephen R. Christian | Registration No. (Attorney/Agent) | 32,687 | Telephone | 208-526-9140 |
| Signature | | Date | 4 OCT 2004 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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